



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/042,480	01/09/2002	Philip Y. Chang	AUS920010982US1	6093
7590	06/15/2007		EXAMINER	
Frank C. Nicholas CARDINAL LAW GROUP Suite 2000 1603 Orrington Avenue Evanston, IL 60201			WANG, LIANG CHE A	
			ART UNIT	PAPER NUMBER
			2155	
			MAIL DATE	
			06/15/2007	DELIVERY MODE
				PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/042,480	CHANG ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Liang-che Alex Wang	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 22 March 2007.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-17 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

1. Claims 1-17 are presented for examination.
2. Prosecution on the merits of this application is reopened on claims 1-17 in response to Appeal Brief filed on 3/22/2007.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Vidyanand, US Patent Number 6,967,728, hereinafter Vidyanand.
5. Referring to claim 1, Vidyanand teaches a method of matching of business to business processes comprising:
  - a. receiving transmission capability (set 16 of printer preferences 18 corresponds to “transmission capability) from a first company (first client computer 12a with first printer 26a corresponds to “ a first company”) to a second company (second client computer 12b with second printer 26b corresponds to “ a second company”)(Col 8 lines 45-55, first client computer sends set 16 of printer preferences 18 to second client computer);

- b. storing transmission capabilities (set 16 of preferences 18 are stored in each client computer, see figure 12);
  - c. receiving a request from one of the first and second companies to do business with the other company (Col 9 lines 33-39, when a client computer wish to send a print job to a remote printer, the other company is “receiving the print request from the client computer to print (do business));
  - d. determining at least one translation path between the first and second companies based on the transmission capabilities and translation capabilities (preferences) (Col 9 lines 33-52, preferences resolution is required to send print jobs to different companies)
6. Referring to claim 2, Vidyanand teaches the method of claim 1, wherein the transmission capabilities represent process formats support by each company (each set 16 of preferences 18 represents a process formats support by each company, figure 11).
  7. Referring to claim 3, Vidyanand teaches the method of claim 2, further comprising storing transmission capabilities in a managed hub (set 16 of preferences 18 are stored in printer driver 14, driver 14 corresponds to the “managed hub”.)
  8. Referring to claim 4, Vidyanand teaches the method of claim 1, wherein the translation capabilities represent mapping from one data format to another (Col 9 lines 40-52, figures 12 and 13).
  9. Referring to claim 5, Vidyanand teaches the method of claim 4 further comprising storing the translation capabilities in a managed hub (preferences 18 are stored in printer driver 14, driver 14 corresponds to the “managed hub”).)

10. Referring to claim 6, Vidyanand teaches the method of claim 1, wherein the request from one of the first and second companies is regarding any business to business computer transaction (figure 11, print jobs among two companies corresponds to “business to business computer transaction”).
11. Referring to claim 7, Vidyanand teaches the method of claim 1, wherein the translation path represents a number of data transformation and process translation capabilities (figures 12 and 13).
12. Referring to claims 8-17 claims 8-17 encompass the same scope of the invention as that of the claims 1-7. Therefore, claims 8-17 are rejected for the same reason as the claims 1-7.

### *Conclusion*

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Applicant is reminded that in amending in response to a rejection of claims, the patentable novelty must be clearly shown in view of the state of the art disclosed by the references cited and the objection made. Applicant must show how the amendments avoid such references and objections. See 37 CFR 1.111(c).
14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Liang-che Alex Wang whose telephone number is (571)272-3992. The examiner can normally be reached on Monday thru Friday, 8:30 am to 5:00 pm.

Art Unit: 2155

15. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571)272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
16. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Liang-che Alex Wang   
June 6, 2007



SALEH NAJJAR  
SUPERVISORY PATENT EXAMINER